The Lancaster PA Medical Reserve Corps

Robert Gillio, M.D. Dr. Vangy Franklin Mr. Kyle Park

Technology in the preparation, response and recovery phase

The Health Passport

Preparation and Response

It began in New York at 911

- Lancaster PA volunteers responded to the NYPD's call for help in NY at 911
- We formed one of the first MRC's in the nation after meetings at the White House



Technology and an MRC

- Wrote <u>Lessons Learned at Ground Zero</u> with focus on preparation so that response and recovery go smoother
- Personal Health Record and web infrastructure suggested
- Subsequently, designed and implemented as a role based portal for credentialing, training, communications, collaboration, and access to secure encrypted medical information on a need to know permissions basis.



Aware of the Hazards

Responders are at risk

Dangerous environment

Responders as part of the problem







Health Passport





InnerLink's **Health Passport** ™ provides participants such as first responders, emergency service personnel, athletes and special needs citizens with 24/7 access to their medical information through an electronic *Personal Health Record*.

First responders can access vital health 24/7 information through Health Passport



This comprehensive system allows participants to maintain personal health information as well as base-line test results and make selected medical information accessible to authorized individuals or medical facilities via the web, mobile computing devices, and on a variety of media-storage options.

A HIPAA-compliant *Personal Health Record* is created and maintained by the participant and is stored on a secure website, if authorized by the participant. The record may also be stored on a personal computer and/or a portable media storage device such as paper, a disk, CD-ROM, smart card or portable hard drive such as a key fob. Updating of the health record, and the portable media-storage devices, can be done by the participant or by authorized medical practitioners.

Health Passport is available to clients immediately with or without modification. Currently in use by the NFL Players Association, through the Living Heart Foundation's grant for Cardiovascular Screening of professional and retired football players from the Pfizer Pharmaceutical Corporation.



Thank you for your interest in the Medical Reserve Corps Health Passport™.

The Lancaster, PA MRC is sharing this resource with all MRCs at no cost in an effort to protect the health and well being of MRC responders. Utilize the links on the left to navigate and follow these steps:

- Use the My Accounts link and change your password (Enter at least six alpha or numeric characters - minimum of one each.). Enter a response to the Security Question. (If you forget your password, a correct response to the security question will generate an email with the new password.)
- Click on Health Passport and document your health history.
- Before your deployment take the time to protect yourself:
 - o Complete all Health Passport information. Update your contacts.
 - o List all medications, allergies, and immunizations. This is absolutely critical.
 - Print copies of your Health Passport, driver's license, passport and other important documents that you plan to take. Take the copies with you. If possible, save the information electronically to a portable hard drive/device, so that your information may be retrieved from any computer.

Click the links below to learn more about:

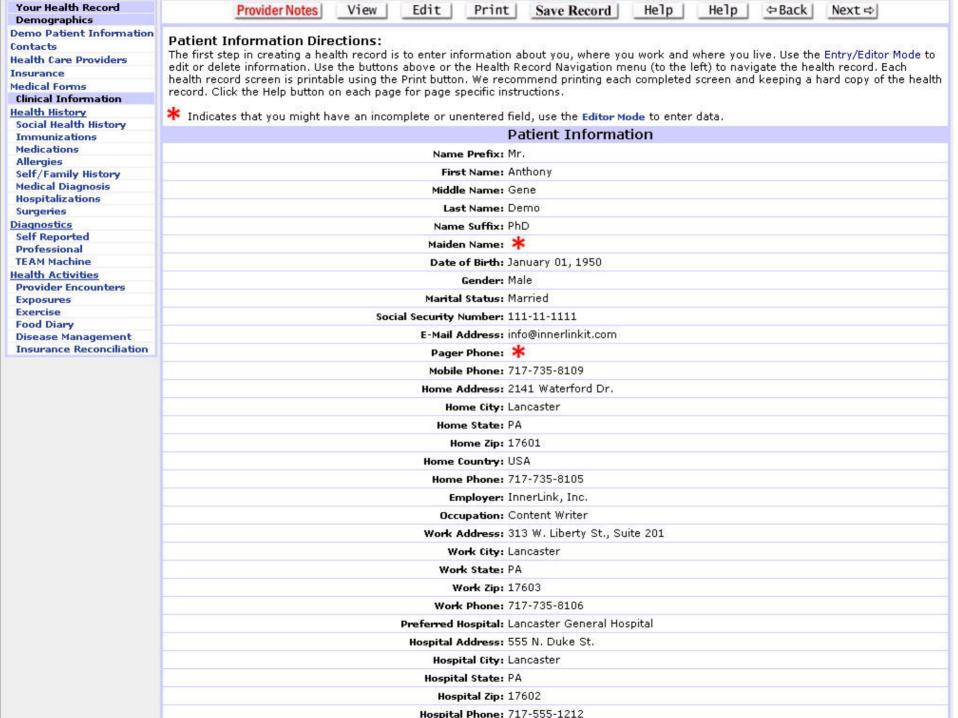
- Health Passport
- Uses of the Health Passport
- · The Lancaster, Pennsylvania MRC

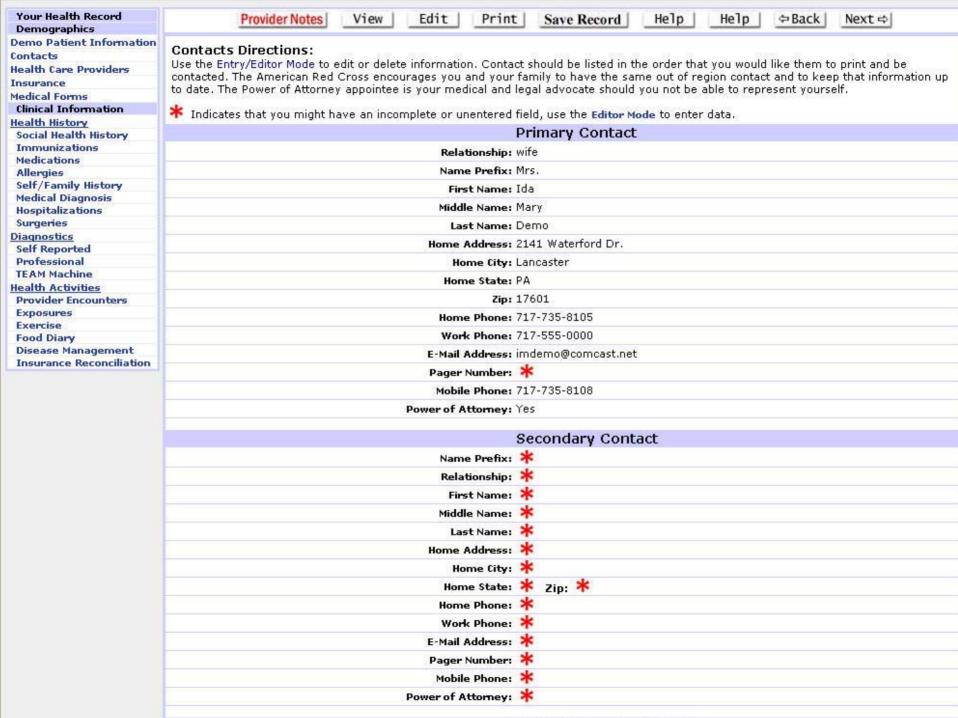






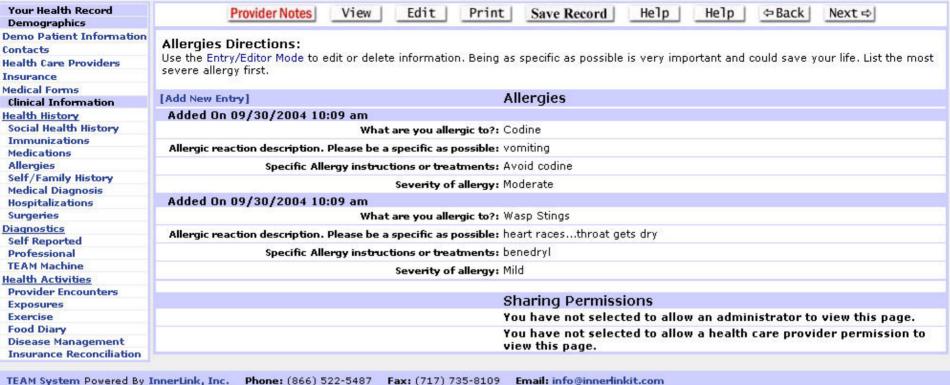
th Passport





Your Health Record Demographics	Provider Notes View Edit Print Save Record Help ⇔ Back Next ⇔			
Demo Patient Information				
Contacts	Self/Family Directions:			
Health Care Providers	Use the Entry/Editor Mode to edit or delete information. Diseases are listed in blue. Please check all that apply. Order of items to check is self, immediate family and extended family. The immediate family includes siblings, parents and grandparents. Additional information should be listed below the disease.			
Insurance				
Medical Forms				
Clinical Information	* Indicates that you might have an incomplete or unentered field, use the Editor Mode to enter data.			
Health History				
Social Health History	Self/Family History			
Immunizations	Arthritis: Self: Yes Imm. Family: Yes Ext. Family: Yes			
Medications				
Allergies	Additional Information: hands and feet			
Self/Family History	Bleeding Tendencies: Self: Yes Imm. Family: Yes Ext. Family: Yes			
Medical Diagnosis Hospitalizations	Additional Information: platelet disorder			
Surgeries				
Diagnostics	Cancer: Self: Yes Imm. Family: No Ext. Family: Yes			
Self Reported	Additional Information: Skin			
Professional	Congenital Abnormalities: Self: No Imm. Family: No Ext. Family: No			
TEAM Machine				
Health Activities	Additional Information: *			
Provider Encounters	Diabetes: Self: No Imm. Family: No Ext. Family: No			
Exposures	Additional Information: 💥			
Exercise				
Food Diary	Menopause: Self: No Imm. Family: No Ext. Family: No			
Disease Management	Additional Information: *			
Insurance Reconciliation	Gastrointestinal Disorders: Self: Yes Imm. Family: No Ext. Family: No			
	Additional Information: Crohns			
	Heart Attack: Self: No Imm. Family: No Ext. Family: No			
	Additional Information: *			
	Heart Disease: Self: No Imm. Family: No Ext. Family: No			
	Additional Information: *			
	High Blood Pressure: Self: Yes Imm. Family: No Ext. Family: Yes			
	Additional Infomration: 🔻			
	Liver Disease: Self: No Imm. Family: No Ext. Family: No			
	Additional Information: ⊁			
	Lung Cancer: Self: No Imm. Family: No Ext. Family: No			
	Additional Information: *			
	Neurological Disease: Self: No Imm. Family: No Ext. Family: No			
	Additional Information: **			
	OB/GYN: Self: No Imm. Family: No Ext. Family: No			
	Additional Information: *			
	Osteoporosis: Self: No Imm. Family: No Ext. Family: No			
	AND A DEPOSIT OF THE PROPERTY			
	Additional Information: *			
	Seizures: Self: No Imm. Family: No Ext. Family: No			
	Additional Information: *			

Your Health Record Demographics	Provider Notes View Edit Print Save Record Help ⇔Back Next⇔			
Demo Patient Information	Mark to Mining at 1000 May			
Contacts	Social History Directions:			
Health Care Providers	Use the Entry/Editor Mode to edit or delete information. The Social History items are an assessment of the lifestyle choices you have made.			
Insurance	You and a trained medical professional can note these decisions to make a health plan that is right for you.			
Medical Forms				
Clinical Information	K Indicates that you might have an incomplete or unentered field, use the Editor Mode to enter data.			
Health History	Social History Information			
Social Health History	I am currently a smoker?: No			
Immunizations				
Medications	How many packs/day do you smoke?: 🔻			
Allergies	How many years have you smoked?: *			
Self/Family History	I used to smoke.: No			
Medical Diagnosis	2 AND THE TRANSPORT OF			
Hospitalizations	I used to smoke ? packs per day.: 🕌			
Surgeries	How many years did you smoke?: 🔆			
<u>Diagnostics</u> Self Reported	I am a drinker.: No			
Professional	ACTION CONTROL OF CONT			
TEAM Machine	How often do you drink alchol?: 🔻			
Health Activities	I am a past drinker: No			
Provider Encounters	I currently use drugs.: No			
Exposures				
Exercise	Frequency and type(s) of drugs: 🔻			
Food Diary	I am a past drug user: No			
Disease Management Insurance Reconciliation	Frequency and type(s) of drugs previously used: *			
Insurance Reconciliation	I currently use chewing/spit tobacco: No			
	Frequency and type of chewing/spit tobacco used: *			
	I am a past user of chewing/spit tobacco user: No			
	How often did you use chewing/spit tobacco before you quit?: 🜟			
	Do you use seatbelts when you drive in a car?: Always			
	So you use a helmet when you engage in outdoor activites (bike Always riding, skateboard, rollerblading):			
	Do you particiapte in Safe Sex Practices: Always			
	At work I am exposed to my health and safety.: Yes			
	Please state your occupation: Content Writer			
	Please state occupational risks and hazards you encounter: Stairspencil sharpenerselectrical wall outlets			
	I encouter health risks at home (second hand smoke or abusive _{NO} situation):			
	If yes, please provide additional information: ⊁			
	Cardiac Health Risks			
	Sedentary Life Style: Yes			
	Obesity: No			
	Smoker: No			
	Diabetes: No			
	Family History of Cardiac Issues: Yes			



Contacts

Insurance **Medical Forms**

Health History

Medications Allergies

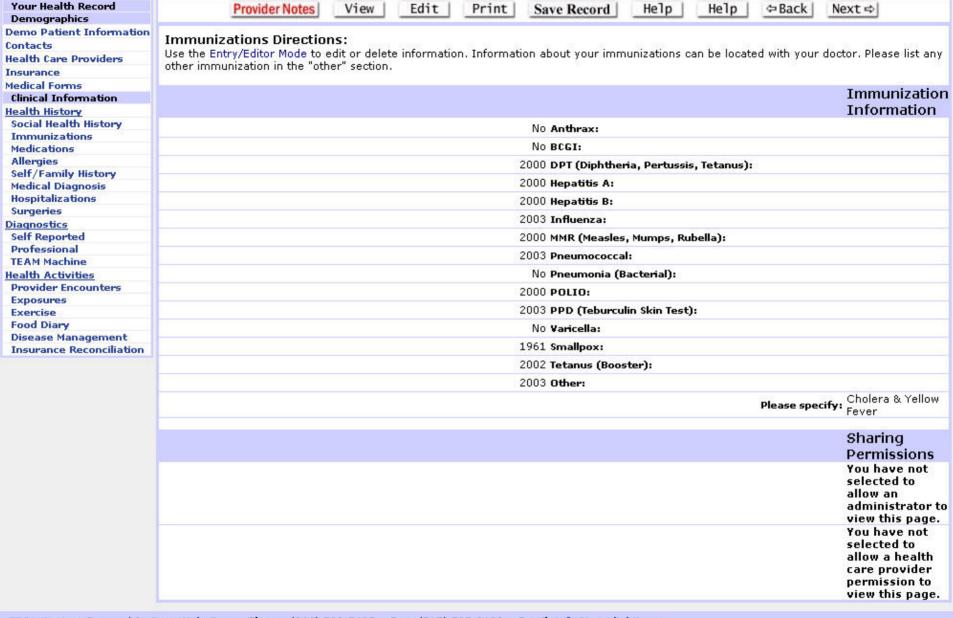
Surgeries

Diagnostics

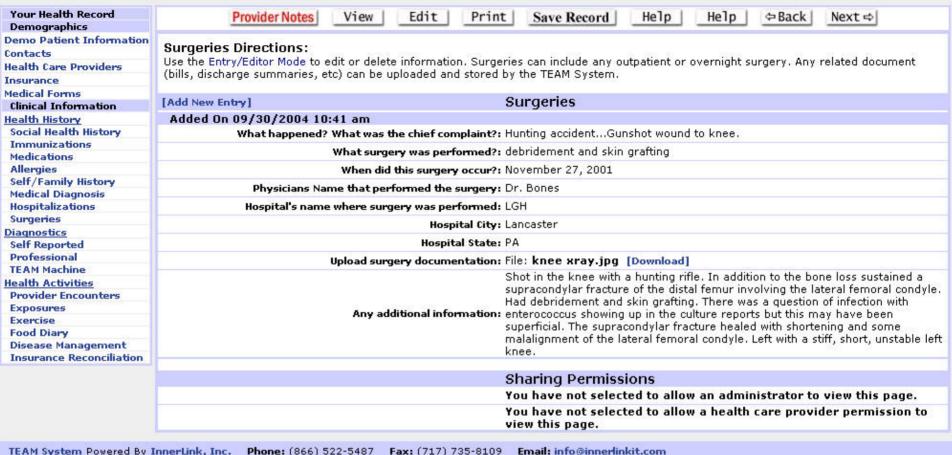
Professional

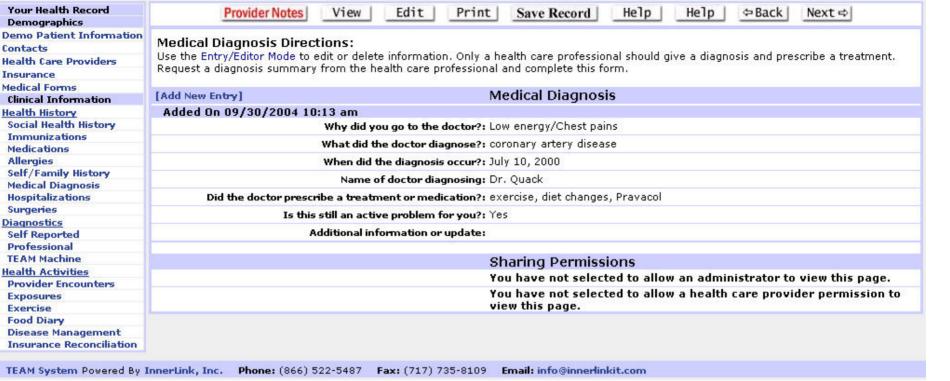
Exposures

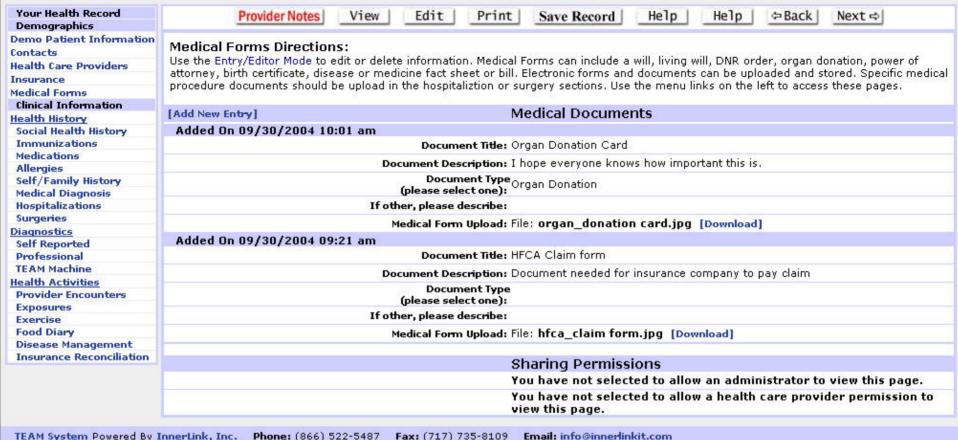
Exercise Food Diary



Demo Patient Information Contacts Health Care Providers Insurance	Hospitalizations Directions: Use the Entry/Editor Mode to edit or delete information. Hospitalization can be emergency room visits, out-patient procedures and overnight stays. Any related document (bills, discharge summaries, etc) can be uploaded and stored by the TEAM System.			
Medical Forms		He ou italiantie no		
Clinical Information	[Add New Entry] Hospitalizations			
Health History	Added On 09/30/2004 10:43 am			
Social Health History	What happened? Hunting accidentknee injury What was the chief complaint?:			
Immunizations				
Medications	When did this Hospitalization occur?: November 27, 2001			
Allergies Self/Family History	Whatw	vas the diagnosis?:		
Self/Family History Medical Diagnosis	What was the treatment prescribed or performed?: debridement and skin grafting			
Hospitalizations		3		
Surgeries	Ph	hysician in Charge: Dr. Bones		
Diagnostics		Hospital Name: LGH		
Self Reported	A .	Hospital City: Lancaster		
Professional	<u> </u>	With the state of		
TEAM Machine	<u> </u>	Hospital State: PA		
Health Activities	Upload hospitalization document. (X-Ray, discharge summary, There are no files added. Upload A File			
Provider Encounters	reports,bill): There are no files added. Upload A File			
Exposures	Any additional information:			
Exercise	Added On 09/30/2004 10:20 am			
Food Diary		What happened? Head injury from auto accident chief complaint?:		
Disease Management Insurance Reconciliation				
Insurance Reconcination	When did this Hospitalization occur?: March 06, 2003			
	What was the diagnosis?: skull fracture			
	What was the treatment prescrib	This is an x-ray of my head after the surgery. You can see the outline of the ed or performed?: section of skull that was removed. You can also see 2 of the little titanium strips, but the 3rd one is kind of lost in all the staples.		
	Pl	hysician in Charge: Dr. Speedy		
		Hospital Name: LGH		
		Hospital City: Lancaster		
		Hospital State: PA		
	Upload hospitalization document. (X-Ray, di	ischarge summary,File: head_xray.jpg [Download] reports,bill):		
	1798113/VI-201014/	tional information:		
		Sharing Permissions		
	4	You have not selected to allow an administrator to view this page.		
		You have not selected to allow a health care provider permission to view this page.		
TEAM System Powered By I	Innerlink, Inc. Phone: (866) 522-5487 Fax	x: (717) 735-8109 Email: info@innerlinkit.com		







Provider Notes Save Record Help Demographics emo Patient Information **Medications Directions:** ontacts Use the Entry/Editor Mode to edit or delete information. In the Patient Information section you created a summary of your medications. This ealth Care Providers section should include very specific medication information. This page should be shared with your doctor or pharmacist. Current nsurance Medications are medications you are taking now. Previous Medications are expired prescriptions. Medication Sensitivities are NOT ledical Forms allergies. They are medications that may irritate your body, such as give you a stomach ache. Medication allergies should be listed on the Clinical Information Allergies Page. ealth History Social Health History **Current Medications** [Add New Entry] Immunizations Medications Added On 09/30/2004 10:06 am Allergies Medication Name: Pravacol Self/Family History Dose of Medication: 1 pill/day Medical Diagnosis Hospitalizations Unit of Medication: other Surgeries How often is the medication taken?: Once a day iagnostics If other, please specify: Self Reported Professional Physician prescribing medication: Dr. Caron TEAM Machine Start Date: April 10, 2000 ealth Activities Provider Encounters Stop Date: No Date Exposures Exercise Previous Medication [Add New Entry] Food Diary Disease Management Added On 09/30/2004 10:07 am Insurance Reconciliation Medication Name: Lipitor Dose of Medication: 1 pill/day Unit of Medication: How often is the medication taken?: Once a day If other, please specify: Physician prescribing medication: Dr. Caron Start Date: January 05, 1998 Stop Date: April 08, 2000 Medication Sensitivities [Add New Entry] Added On 09/30/2004 10:08 am Reaction Rating: Moderate Medication Name: Latex Gloves Description of Medication Sensitivity: Itchy rash in areas exposed. Sharing Permissions You have not selected to allow an administrator to view this page. You have not selected to allow a health care provider permission to view this page. TEAM System Powered By InnerLink, Inc. Phone: (866) 522-5487 Fax: (717) 735-8109 Email: info@innerlinkit.com

View

Edit

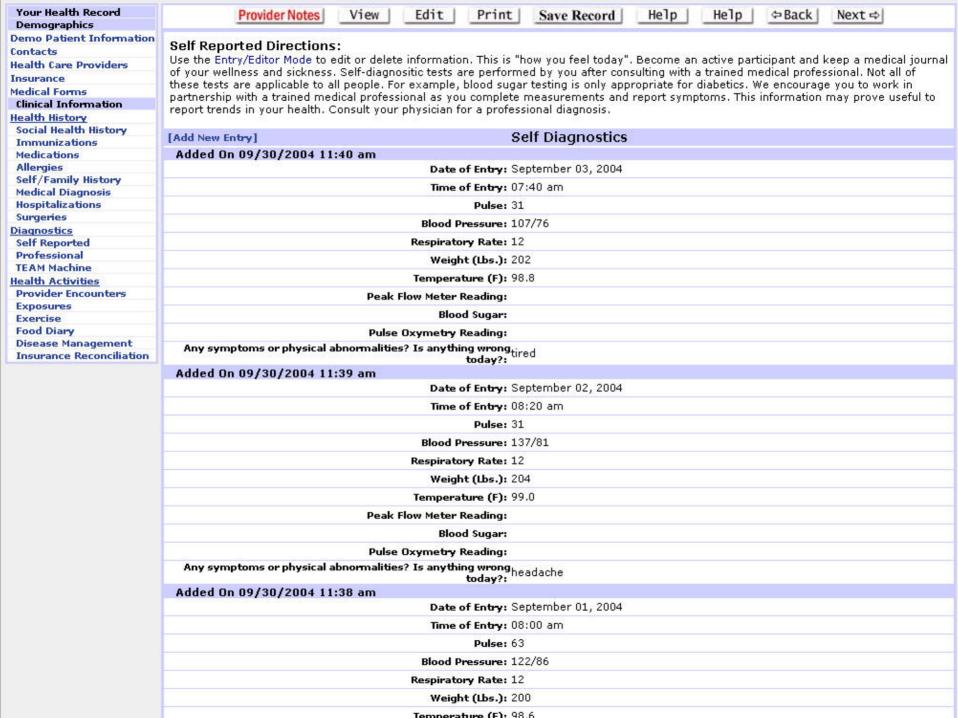
Print

Help

⇒ Back

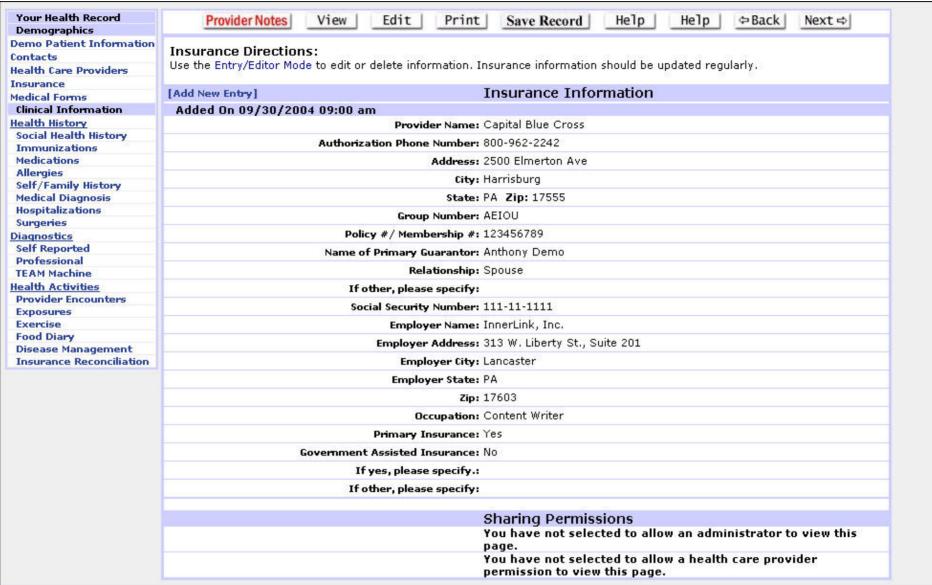
Next ⇒

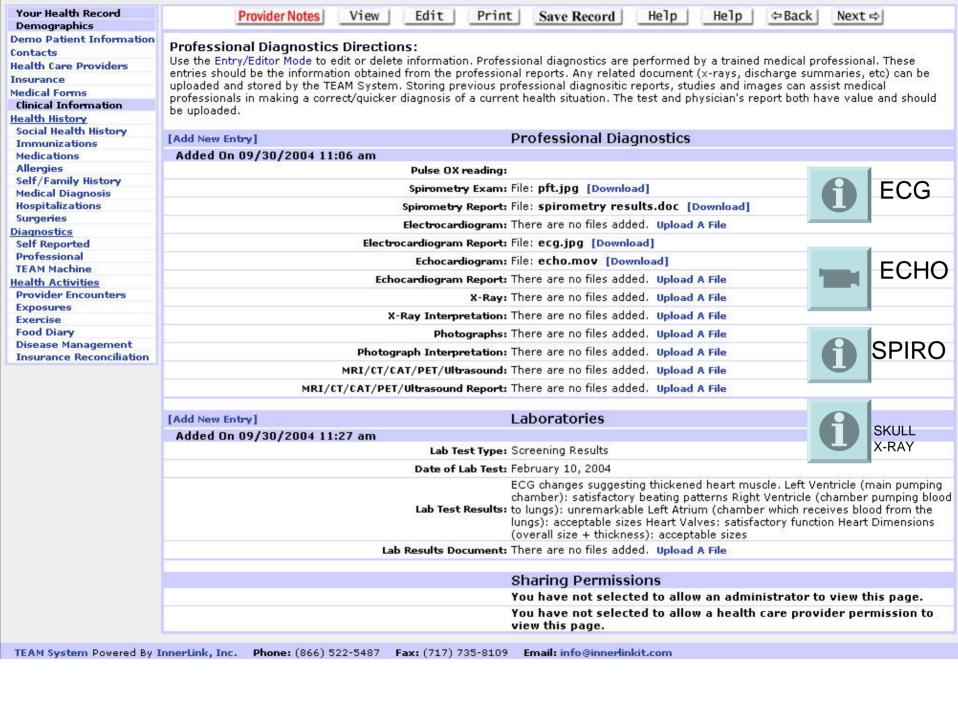
Your Health Record

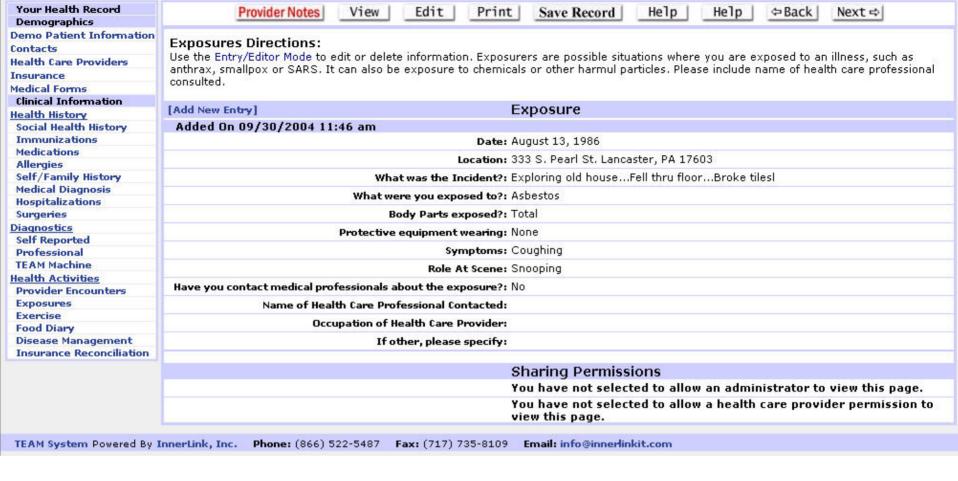




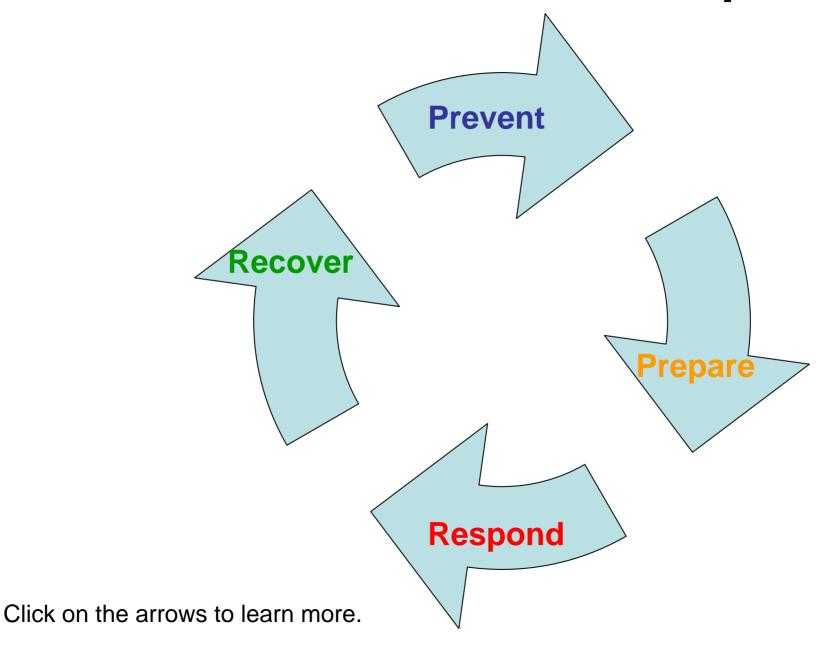
TEAM System Powered By InnerLink, Inc. Phone: (866) 522-5487 Fax: (717) 735-8109 Email: info@innerlinkit.com







Use of the Health Passport



Utilization

- 500 MRC volunteers requested and ultilise the Passport.
- Some groups use additional modules such as Strategic National Stockpile training and collaborative and communications features

How do I get it for my unit?

Go to <u>www.mrcpassport.org</u> and register

 Share this with your units at no cost as a service of the Lancaster MRC and its local corporate partners

Recovery and HiTech

- Volunteered in Mississippi and then invited to come to New Orleans as an observer and advisor regarding the role of volunteers and technology
- Recreating health records for Citizens
- Health Fair at the Zoo
- To describe this activity as a lesson for MRC's
- Non-official MRC opportunity

Technology and Recovery

Dr. Vangy Franklin

Mr Kyle Park

Tour of the clinic then and now

Next phase opportunity

Kyle Park:Technology

- An electronic medical record used
- Satellite uplink
- Integrated via web portal
- Each station on the network
- Updating data where possible
- Papers scanned
- Patients with CD of record or option for wristband

Dr. Franklin: Clinical

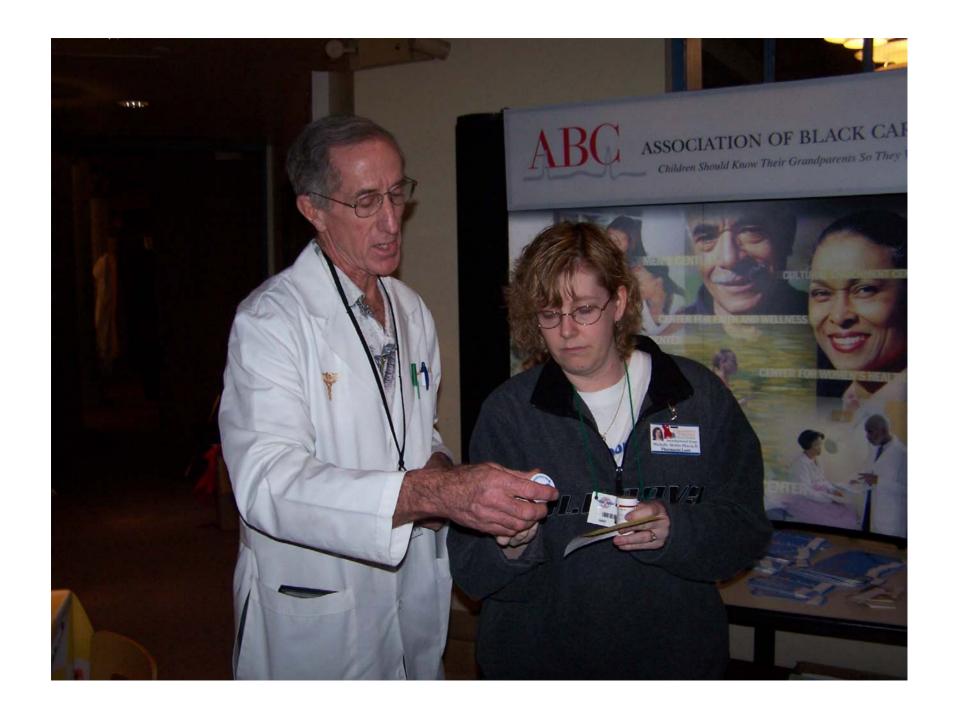
- Volunteers
- Services
- Medical issues
- Clinic next steps
- Need for assistance going forward

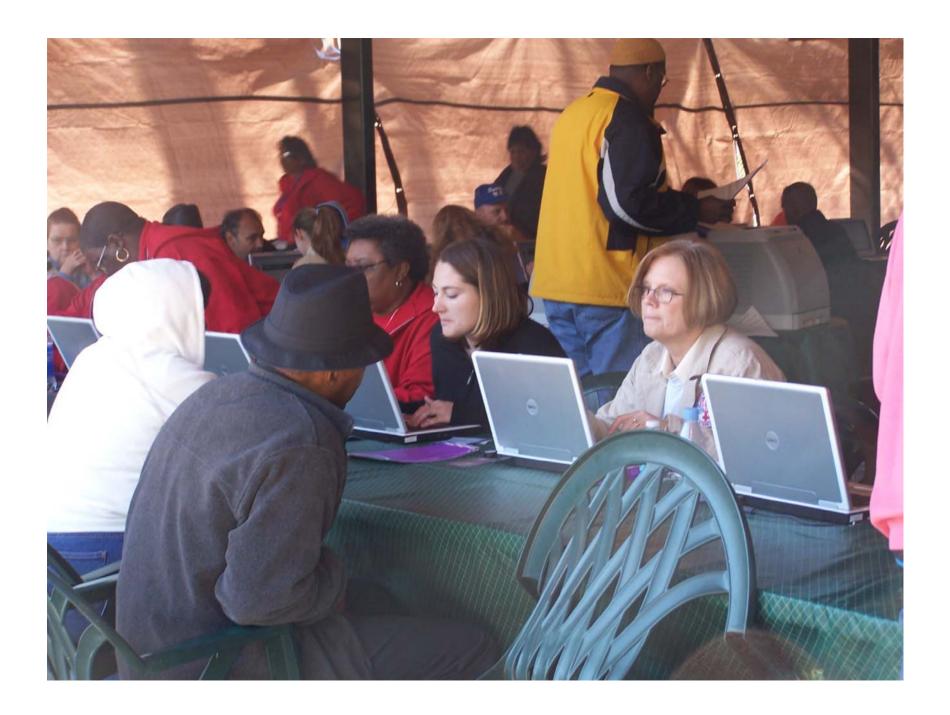
Technology and the MRC Summary

- Share what you have
- Volunteer where you can
- Technology can be of value in all phases
- Network for more opportunities for your MRC and staff outside of MRC Official activities

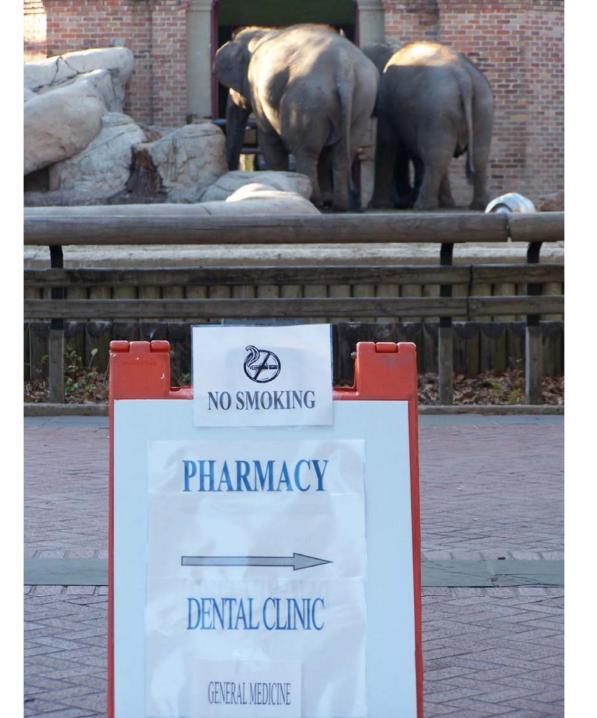






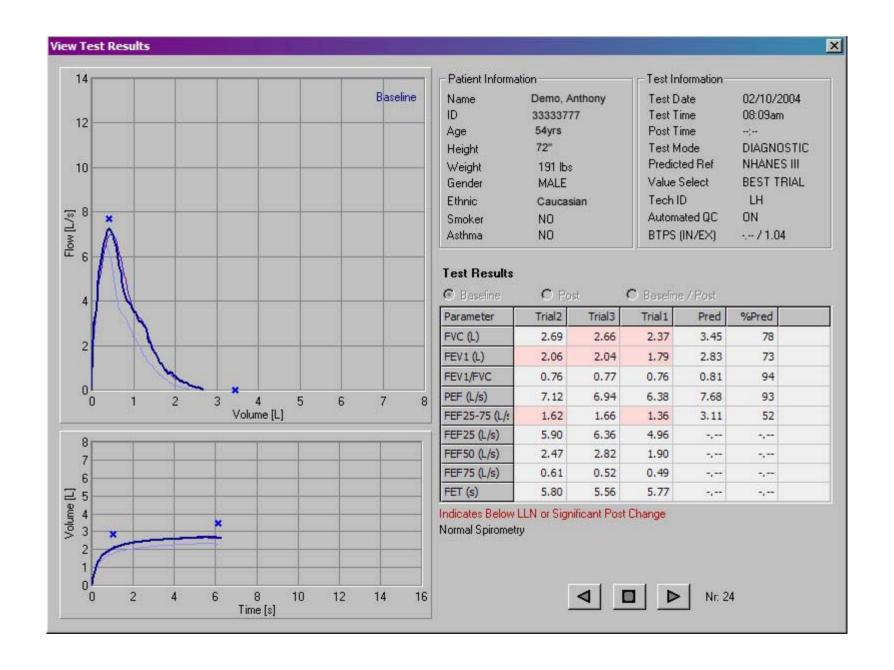


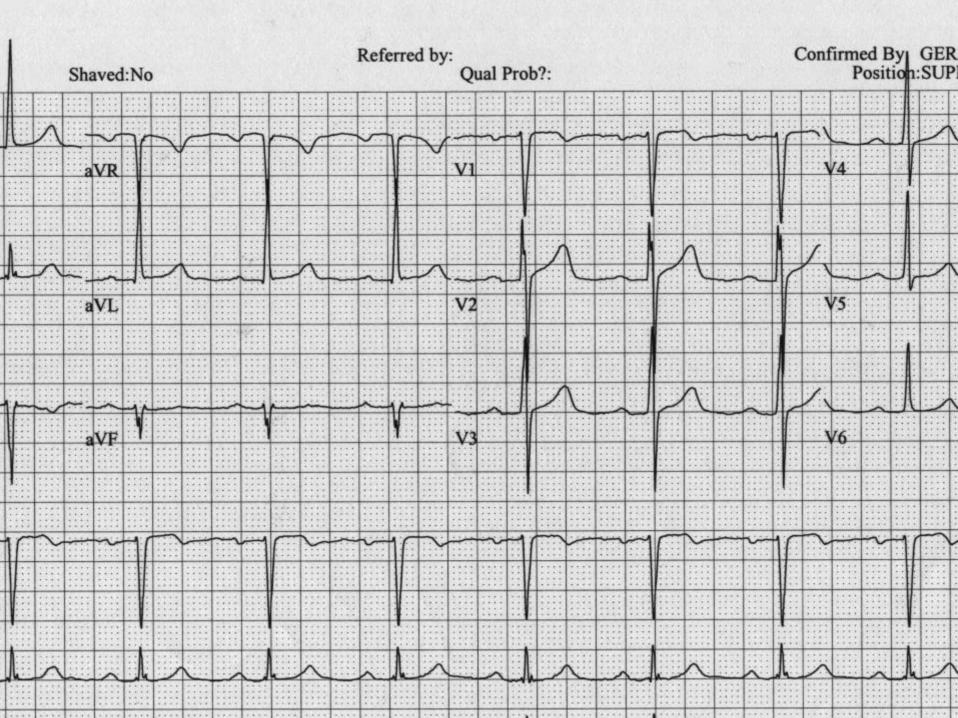












Prevent:

- •Take the time to complete the Passport while awaiting deployment.
- •Add contact information for multiple contacts and out of region reunification plan.
- Detail insurance coverage.
- Document conditions, medications and allergies.
- Obtain and scan in critical studies such as ECG tracing.
- Consider not deploying if review suggests high risk.
- •Consider option to share with your physician or commander.
- •Use regularly for exercise, weight management, and preventive medicine uses.

Prepare:

- •Use the Passport to assemble your actual medications.
- •Bring duplicates in a second piece of luggage and carry on critical medications and supplies.
- •Print a copy of the passport on paper and bring with in plastic bag.
- •Save it electronically to a portable key fob hard drive or floppy disc.
- •Share your user name and password with your ICE contact (In Case of Emergency) in your cell phone directory

Respond:

- Document your deployment
- Keep track of your experiences in the journal
- Log your exposures to potential infections or toxic agents
- •Take and upload pictures of injuries, rashes, or exposures
- Upload studies done in the field
- •If you need access to the record, use any internet connected computer or use your portable media in a hard drive

Recover:

- •Use when you return home. Remind your doctor of exposures especially if you have rash, low grade fever, or other elusive ailments. Local doctors may not be thinking of "exotic" infections, diseases or unusual exposure situations.
- •Mental health is a potential issue during and even months after deployment. Review your log with your mental health professional if appropriate.
- •Keep it the Passport up to date and use it routinely in your health and wellness program. Be ready for the next emergency or deployment.